



Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	1
-------	---	----	---

Complete if Known

Application Number	10/642,324
Filing Date	August 18, 2003
First Named Inventor	Takeshi NISHIUCHI
Art Unit	1742
Examiner Name	J. Sheehan
Attorney Docket Number	60303.32

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature		Date Considered	11-7-05
-----------------------	---	--------------------	---------

*Examiner: Initial if reference considered, whether of not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

¹ Applicant unique citation designation number (optional). ² See Kind Codes of USPTO Patent documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Abstract is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.

Complete if Known

(Use as many sheets as necessary)

Sheet	1	of	1
-------	---	----	---

Application Number	10/642,324
Filing Date	August 18, 2003
First Named Inventor	Takeshi NISHIUCHI
Art Unit	1742
Examiner Name	J. Sheehan
Attorney Docket Number	60303.32

[illegible][illegible]

John T Sheehan

Date
Considered

11-7-05

*Examiner: Initial if reference considered, whether of not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

¹ Applicant unique citation designation number (optional). ² See Kind Codes of USPTO Patent documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Abstract is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.

(Use as many sheets as necessary)

Sheet	2	of	2
-------	---	----	---

Application Number	10/642,324
Filing Date	August 18, 2003
First Named Inventor	Takeshi NISHIUCHI
Art Unit	1742
Examiner Name	
Attorney Docket Number	60303.32

[illegible]

Examiner Signature	<i>John P. Sheehan</i>	Date Considered	<i>11-7-05</i>
-----------------------	------------------------	--------------------	----------------

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Sheet	1	of	5
-------	---	----	---

Application Number	10/642,324
Filing Date	August 18, 2003
First Named Inventor	Takeshi NISHIUCHI
Art Unit	1742
Examiner Name	J. Sheehan
Attorney Docket Number	60303.32

[illegible]

Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Country of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ^o
		Country Code*Number-Kind Code *(if known)	MM -YYYY			
	17	HU 199904	01-1989	HUNGARY		
JL	18	JP 05-269549 (With English abstract and English machine translation)	10-1993	JAPAN		X
	19	JP 01-162702 (With English abstract)	06-1989	JAPAN		X
	20	JP 04-147604 (With English abstract)	05-1992	JAPAN		X
	21	JP 01-204401 (With English abstract)	08-1989	JAPAN		X
	22	JP 2002-302702 (With English abstract and machine translation)	10-2002	JAPAN		X
	23	JP 2000-348919 (With English abstract and machine translation)	12-2000	JAPAN		X
JL	24	JP 05-315174 (With English abstract and machine translation)	11-1993	JAPAN		X
	25	JP 08-124730 (With English abstract and machine translation)	05-1996	JAPAN		X
JL	26	JP 2002-64009 (With English abstract and machine translation)	02-2002	JAPAN		X
Examiner Signature	John P. Shick			Date Considered 11/7/05		

BEST AVAILABLE COPY

Substitute for form 1449/PTO

Complete if Known

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 2 of 5

Application Number	10/642,324
Filing Date	August 18, 2003
First Named Inventor	Takeshi NISHIUCHI
Art Unit	1742
Examiner Name	J. Sheehan
Attorney Docket Number	60303.32

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code 2(if known)	Publication Date MM -YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	27	4,585,473	04-1986	Narasimhan et al.	
	28	4,597,938	09-1986	Matsuura et al.	
	29	4,664,724	05-1987	Mizoguchi et al.	
	30	4,994,109	02-1991	Willman et al.	
	31	5,225,004	07-1993	O'Handley et al.	
	32	5,240,513	08-1993	McCallum et al.	
	33	5,597,425	01-1997	Akioka et al.	
	34	6,386,269	05-2002	Kanekiyo et al.	
	35	6,471,786	10-2002	Shigemoto et al.	
	36	6,796,363	09-2004	Arai et al.	
	37	6,890,392	05-2005	Kanekiyo et al.	
	38	2001/0015239	08-2001	Kanekiyo	
	39	2003/0136468	07-2003	Kanekiyo et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code*Number-Kind Code 5(if known)	Publication Date MM -YYYY	Country of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	40	JP 02-247307 (with English abstract)	10-1990	JAPAN		
	41	JP 08-053710 (with English abstract and machine translation)	02-1996	JAPAN		X
	42	JP 11-8109 (with English abstract and machine translation)	01-1999	JAPAN		X
Examiner Signature				Date Considered	11/7/05	

BEST AVAILABLE COPY

Substitute for form 1449/PTO

Complete if Known

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet **3** of **5**

Application Number	10/642,324
Filing Date	August 18, 2003
First Named Inventor	Takeshi NISHIUCHI
Art Unit	1742
Examiner Name	J. Sheehan
Attorney Docket Number	60303.32

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code*Number-Kind Code *(if known)	Publication Date MM -YYYY	Country of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
<i>JS</i>	43	JP 2000-234137 (with English abstract and machine translation)	08-2000	JAPAN		X
<i>JS</i>	44	JP 2000-235909 (with English abstract and machine translation)	08-2000	JAPAN		X
<i>JS</i>	45	JP 2002-175908 (with English abstract and machine translation)	06-2002	JAPAN		X
<i>JS</i>	46	JP 2002-212686 (with English abstract and machine translation)	07-2002	JAPAN		X
<i>JS</i>	47	JP 2002-239688 (with English abstract and machine translation)	08-2002	JAPAN		X
<i>JS</i>	48	JP 2002-80921 (with English abstract and machine translation)	03-2002	JAPAN		X
<i>JS</i>	49	JP 62-062503 (with English abstract)	03-1987	JAPAN		X
<i>JS</i>	50	JP 63-190138 (with English abstract)	08-1988	JAPAN		X
<i>JS</i>	51	JP 63-301505 (with English abstract)	12-1988	JAPAN		X
<i>JS</i>	52	JP 64-081301 (with English abstract)	03-1989	JAPAN		X
<i>JS</i>	53	KR 1998-10178	05-1998	KOREA		
<i>JS</i>	54	EP 0 197 712	10-1986	EPO		
<i>JS</i>	55	EP 0 302 395	02-1989	EPO		
<i>JS</i>	56	EP 1 158 545	11-2001	EPO		
<i>JS</i>	57	WO 01/68297	09-2001	WIPO		
<i>JS</i>	58	WO 00/52713	09-2000	WIPO		
<i>JS</i>	59	JP 61-140350	06-1988	JAPAN		
	60	WO 02/067276	08-2002	WIPO		
Examiner Signature	<i>John P. Sheehan</i>		Date Considered	<i>11/7/05</i>		

BEST AVAILABLE COPY

Substitute for form 1449/PTO

Complete if Known**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet **4** of **5**

Application Number	10/642,324
Filing Date	August 18, 2003
First Named Inventor	Takeshi NISHIUCHI
Art Unit	1742
Examiner Name	J. Sheehan
Attorney Docket Number	60303.32

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title Of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume- issue number(s), publisher, city and/or country where published.	T ²
<i>JS</i>	61	L. Henderson Lewis et al., "Phase Composition and Magnetic Characteristics of Inert Gas-Atomized RE-Fe-B-Based Powders", IEEE Transactions on Magnetics, Vol. 31, No. 6, 11/1995, pp. 3641-3643.	
<i>JS</i>	62	M.J. Kramer et al., "A Generalized Solidification Model and Microstructural Verification for the Nd-Fe-B-Ti-C System Processed by Rapid Solidification", J. Appl. Phys. 81(8), 04/1997. pp. 4459-4461.	
<i>JS</i>	63	MISSELL et al., "RARE-EARTH MAGNETS AND THEIR APPLICATIONS," Proceedings of the 14 th International Workshop, 09/1996, pp. 28-37, Vol. 1, World Scientific, Singapore, New Jersey, London, Hong Kong.	
<i>JS</i>	64	YAO, J.M. et al, "Coercivity of Ti-modified (α -Fe)-Nd ₂ Fe ₁₄ B Nanocrystalline Alloys", Journal of Applied Physics, November 15, 1994, pp. 7071-7073, Volume 76, No. 10, American Institute of Physics, Woodbury, New York, USA.	
<i>JS</i>	65	Z.S. Wronski, "Microstructure and Magnetic Properties of Low-Neodymium Nd-Fe-B-Si Magnets Produced from HP Gas Atomized Powder", J. Appl. Phys. 69(8), 04/1991, pp.5507-5509.	
<i>JS</i>	66	D.J. Branagan, et al., "A New Generation of Gas Atomized Powder with Improved Levels of Energy Product and Processability", IEEE Transactions of Magnetics, Vol. 32, No. 5, 09/1996, pp. 5097-5099.	
	67	CHANG et al., "High Performance...Nanocomposites", pp. 121-123, 01/1998, Applied Physics Letters, Vol. 72, No. 1.	
Examiner Signature	<i>John P Sheehan</i>		Date Considered <i>11/7/05</i>

BEST AVAILABLE COPY

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet **5** of **5****Complete if Known**

Application Number	10/642,324
Filing Date	August 18, 2003
First Named Inventor	Takeshi NISHIUCHI
Art Unit	1742
Examiner Name	J. Sheehan
Attorney Docket Number	60303.32

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	68	Application No. 10/432,862. Filed May 20, 2003. "Nanocomposite magnet."	
	69	Application No. 10/745,834. Filed December 24, 2003. "Permanent magnet including multiple ferromagnetic phases and method for producing the magnet."	
<i>JS</i>	70	Lewis L H et al, "COMPOSITIONAL CLUSTERING IN ND ₂ FE ₁₄ B MELT-SPUN RIBBONS" Journal of Applied Physics, American Institute of Physics. New York, US, vol. 87, no. 9, 1 May 2000, pp. 4735-4737.	
	71	Application No. 09/886,390. Filed November 8, 2001. "Nanocomposite magnet and method for producing same." now U.S. Pat. 6,790,290	
<i>JS</i>	72	Office Action issued June 17, 2005. Application No. 10/432,862. "Nanocomposite Magnet."	
	73	Application No. 09/455,469. Filed December 6, 1999. "Nanocomposite magnet material and method for producing nanocomposite magnet."	
	74	Application No. 10/381,005. Filed March 20, 2003. "Iron-based rare earth alloy nanocomposite magnet and method for producing the same."	
<i>JS</i>	75	Office Action issued March 28, 2005. Application No. 10/381,005. "Iron-based rare earth alloy nanocomposite magnet and method for producing the same."	
Examiner Signature	<i>John P Sheehan</i> <i>11/7/05</i>		

REST AVAILABLE COPY

8/18/03

Substitute for form 1449/PTO

Complete if Known

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 5

Application Number

Filing Date

First Named Inventor

Takeshi NISHIUCHI

Art Unit

Examiner Name

Attorney Docket Number

60303.32

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM - YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
JS	1	5,666,635	09/1997	Kaneko et al	
JS	2	6,332,933	12/2001	Ma et al.	
JS	3	6,352,599	03/2002	Chang et al.	
JS	4	6,280,536	08/2001	Inoue et al.	
JS	5	4,756,775	07/1988	Groat	
JS	6	4,770,723	09/1988	Sagawa et al.	
JS	7	4,836,868	06/1989	Yajima et al.	
JS	8	4,935,074	06/1990	De Mooij et al.	
JS	9	5,022,939	06/1991	Yajima et al.	
JS	10	5,049,208	09/1991	Yajima et al.	
JS	11	5,209,789	05/1993	Yoneyama et al.	
JS	12	5,725,792	03/1998	Panchanathan	
JS	13	5,905,424	05/1999	Panchanathan	
JS	14	6,022,424	02/2000	Sellers et al.	
JS	15	6,172,589	01/2001	Fujita et al.	
JS	16	6,183,571	02/2001	Inoue et al.	
JS	17	6,183,572	02/2001	Panchanathan et al.	
JS	18	6,302,972	10/2001	Hirosawa et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM - YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code*Number-Kind Code ² (if known)				
JS	19	EP 06-32471	01/1995	JAPAN EP	JS 11-4-05	X
JS	20	JP 2000-079449	03/2000	JAPAN		X
JS	21	JP 61-140350	06/1986	JAPAN		X
JS	22	JP 2000-079451	3/2000	JAPAN		X
JS	23	JP 8-167515	06/1996	JAPAN		X
JS	24	JP 1-100242	04/1989	JAPAN		X

Examiner
Signature

John P. Shub

Date
Considered

11/7/05

*Examiner: Initial if reference considered, whether of not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

¹ Applicant unique citation designation number (optional). ² See Kind Codes of USPTO Patent documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Abstract is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 2 of 5

Complete if Known

Application Number	
Filing Date	
First Named Inventor	Takeshi NISHIUCHI
Art Unit	
Examiner Name	
Attorney Docket Number	60303.32

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code 2(if known)	Publication Date MM -YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code+Number-Kind Code 2(if known)	Publication Date MM -YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
JL	25	WO 99/21 196	04/1999	WIPO		X
JL	26	JP 59-046008	03/1984	JAPAN		X
JL	27	JP 60-009852	01/1985	JAPAN		X
JL	28	JP 8-162312	08/1990	JAPAN		X
JL	29	JP 11-071646	06/1996	JAPAN	JL 11-4-05	X
JL	30	JP 64-703	01/1989	JAPAN		X
JL	31	JP 64-7501	01/1989	JAPAN		X
JL	32	JP 64-7502	01/1989	JAPAN		X
JL	33	JP 3-260018	11/1991	JAPAN		X
JL	34	JP 3-261104	11/1991	JAPAN		X
JL	35	JP 7-122412	05/1995	JAPAN		X
JL	36	JP 11-323509	11/1999	JAPAN		X
JL	37	JP 2-298003	12/1990	JAPAN		X
JL	38	JP 9-155507	06/1997	JAPAN		X
JL	39	WO 00/03403	01/2000	PCT		
JL	40	WO 00/45397	08/2000	PCT		
JL	41	WO 00/5 2713	09/2000	PCT	JL 11-4-05	
JL	42	EP 1 018 751	07/2000	EUROPE		
JL	43	DE 197 39 959	03/1998	GERMANY		
JL	44	EP 1 061 532	12/2000	EUROPE		

Examiner Signature	<i>John P. Schuck</i>	Date Considered	11/7/05
--------------------	-----------------------	-----------------	---------

* Examiner: Initial if reference considered, whether of not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

¹ Applicant unique citation designation number (optional). ² See Kind Codes of USPTO Patent documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Abstract is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet **3** of **5**

Complete if Known

Application Number	
Filing Date	
First Named Inventor	Takeshi NISHIUCHI
Art Unit	
Examiner Name	
Attorney Docket Number	60303.32

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>JS</i>	45	R. Coehoorn, et al., "Novel Permanent Magnetic Materials Made by Rapid Quenching", Journal de Physique, C8, 12/1988, pp.669-670.	
<i>JS</i>	46	W.C. Chang, et al., "The Effects of Refractory Metals on the Magnetic Properties Of α -Fe/R ₂ Fe ₁₄ B-Type Nanocomposites", IEEE, Transactions on Magnetics, Vol.35, No.5, September 1999, pp.3265-3267.	
<i>JS</i>	47	W.C. Chang, et al., Magnetic and Microstructure Studies of boron-enriched (Nd _{0.95} La _{0.05}) ₁₁ Fe _{76.5-x} Co _x Ti ₂ B _{10.5} (x=0-15) Melt-Spun Ribbons, IEEE, Transactions on Magnetics, Vol.36, No.5, September 2000, pp.312-3314.	
<i>JS</i>	48	W.C. Chang, et al., "High performance α -Fe/Nd ₂ Fe ₁₄ B-type nanocomposites", Applied Physics Letters, Vol.72 No.1, January 1998, pp.121-123.	
<i>JS</i>	49	Chang, et al., "The effect of boron and rare earth contents on the magnetic properties of La and Cr substituted α -Fe/R ₂ Fe ₁₄ B-Type Nanocomposites", Journal of Applied Physics, Vol.83 No.11, June 1998pp.6271-6273.	
<i>JS</i>	50	G. Ya. Merkulova, et al., "The temperature dependence of coercivity in nanocrystalline Nd-Fe-B-(TiC)magnets", Journal of Applied Physics, Vo.87 No.9, May 2000, pp.4738-4740.	
<i>JS</i>	51	Chiriac, et al., "Nd ₈ Fe ₇₃ Co ₅ Hf ₂ B ₁₂ strip cast alloy", Journal of Applied Physics, Vol. 87 No. 9, May 2000, pp.5338-5340.	
<i>JS</i>	52	J. Bernardi, et al., "Microstructural analysis of strip cast Nd-Fe-B alloys for high (BH) _{max} magnets", Journal of Applied Physics, Vol.83 No. 11, June 1998, pp.6396-6398.	
<i>JS</i>	53	W.C. Chang, et al., "The effects of La-substitution on the microstructure and magnetic properties of nanocomposite NdFeB melt spun ribbons", Journal of Magnetism and Magnetic Materials, Vo.167 Nos.1-2, March 1997, pp.65-70.	
<i>JS</i>	54	W.C. Chang, et al., "High performance α -Fe/R ₂ Fe ₁₄ B-type nanocomposites with nominal compositions of (Nd, La) _{9.5} Fe _{78-x} Co _x Cr ₂ B _{10.5} (x=0-10), Journal of Magnetism and Magnetic Materials", Vo. 189 No.1, October 1998, pp.55-61.	
<i>JS</i>	55	R. Hermann, et al., "Growth kinetics in undercooled Nd-Fe-B alloys with carbon and Ti or Mo additions, Journal of Magnetism and Magnetic Materials", Vo.213 Nos. 1-2, April 2000, pp.82-86.	
<i>JS</i>	56	Q. Chen, et al., "A Study on the Phase Transformation and Exchange-coupling of (Nd _{0.95} La _{0.05}) _{9.5} Fe _{bal} Co ₅ Nb ₂ B _{10.5} Nanocomposites, Materials Research Society Symposium Proceedings", Vo.577, April 1999, pp.209-219.	

Examiner Signature	<i>John P. Shuck</i>	Date Considered	<i>11/7/05</i>
--------------------	----------------------	-----------------	----------------

*Examiner: Initial if reference considered, whether of not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

¹ Applicant unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.

(Use as many sheets as necessary)

Sheet	4	of	5
-------	---	----	---

Application Number

Filing Date

First Named Inventor

Takeshi NISHIUCHI

Art Unit

Examiner Name

Attorney Docket Number	60303.32
------------------------	----------

**Examiner
Initials**

**Cite
No.1**

Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

T2

57

U.S. Patent Application Serial No. 09/863,902, H.Kanekiyo, et al., "Permanent Magnet Including Multiple Ferromagnetic Phases and Method for Producing the Magnet", filing Date 05/24/2001.

**Examiner
Signature**

Date
Considered

*Examiner: Initial if reference considered, whether of not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

1 Applicant unique citation designation number (optional). *Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.

